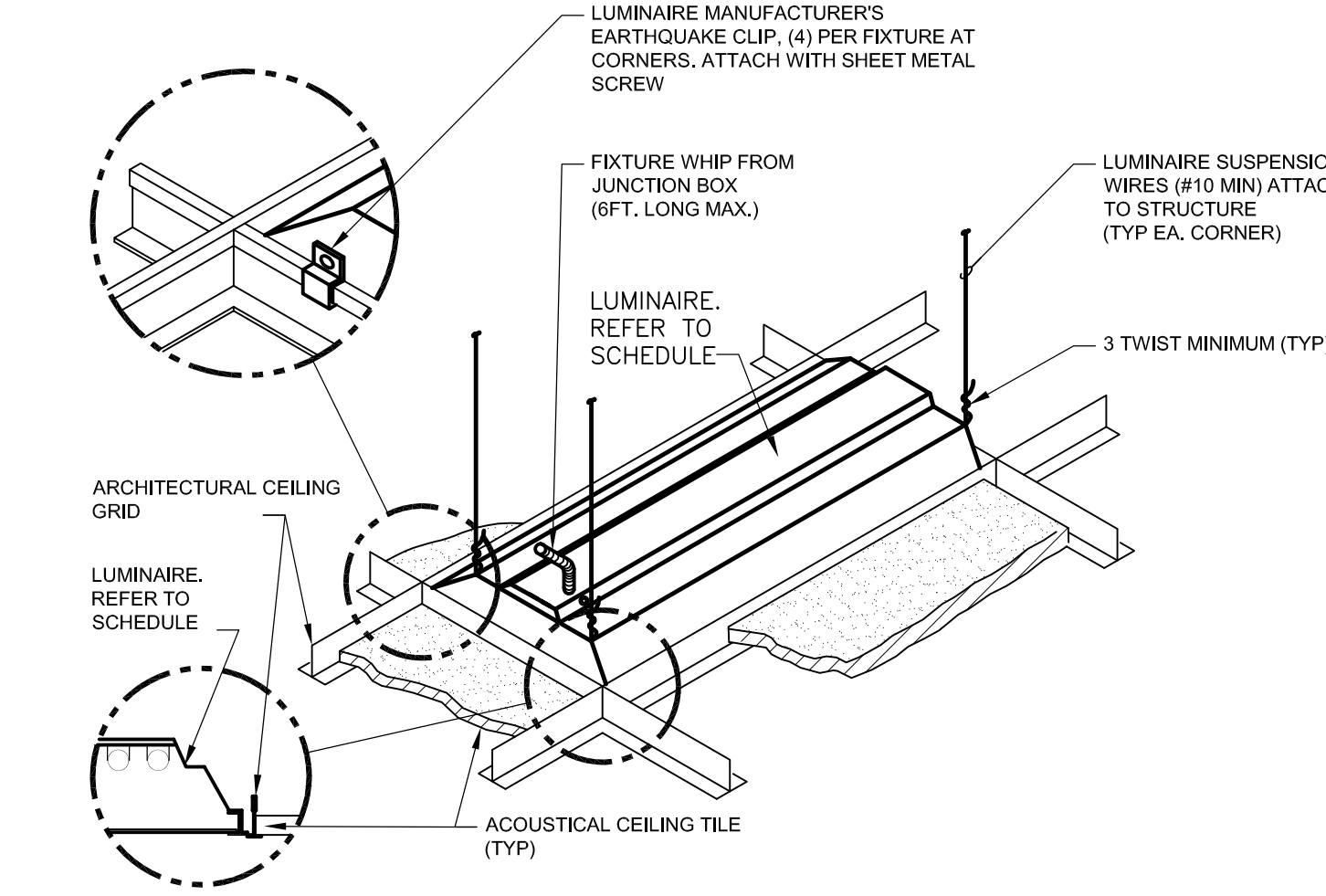
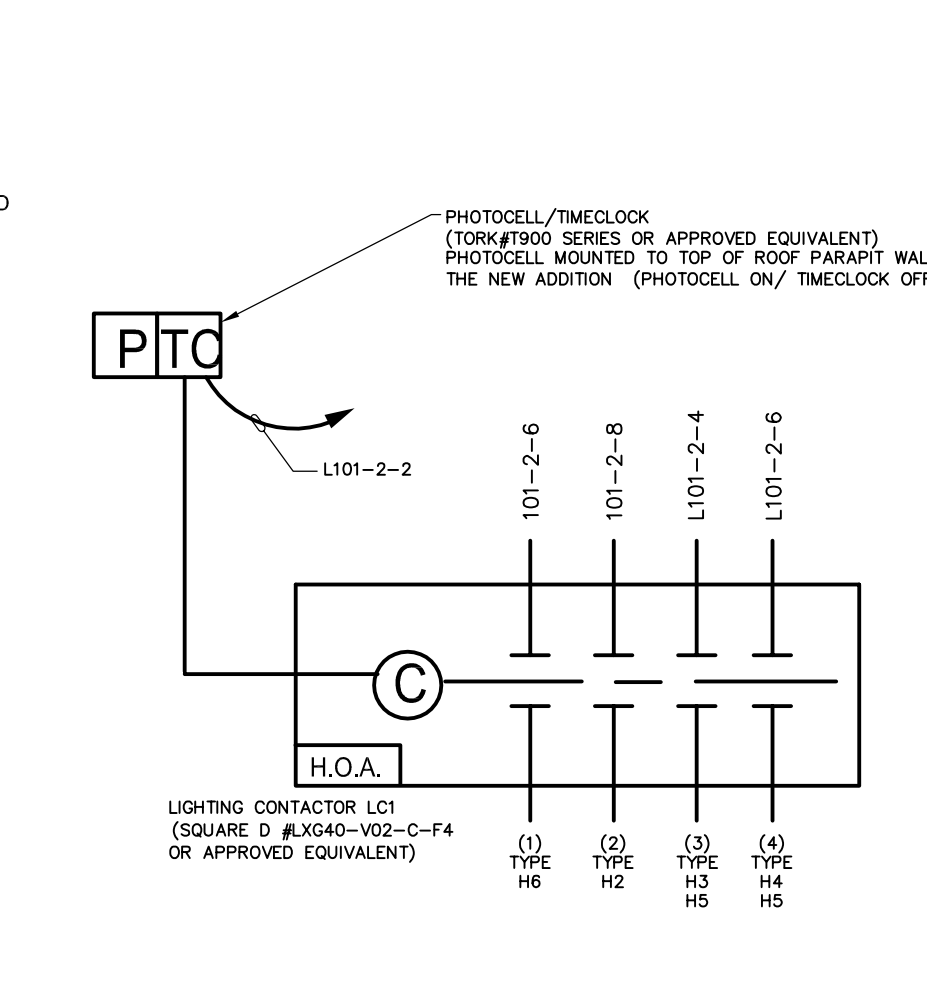


## GENERAL ELECTRICAL NOTES:

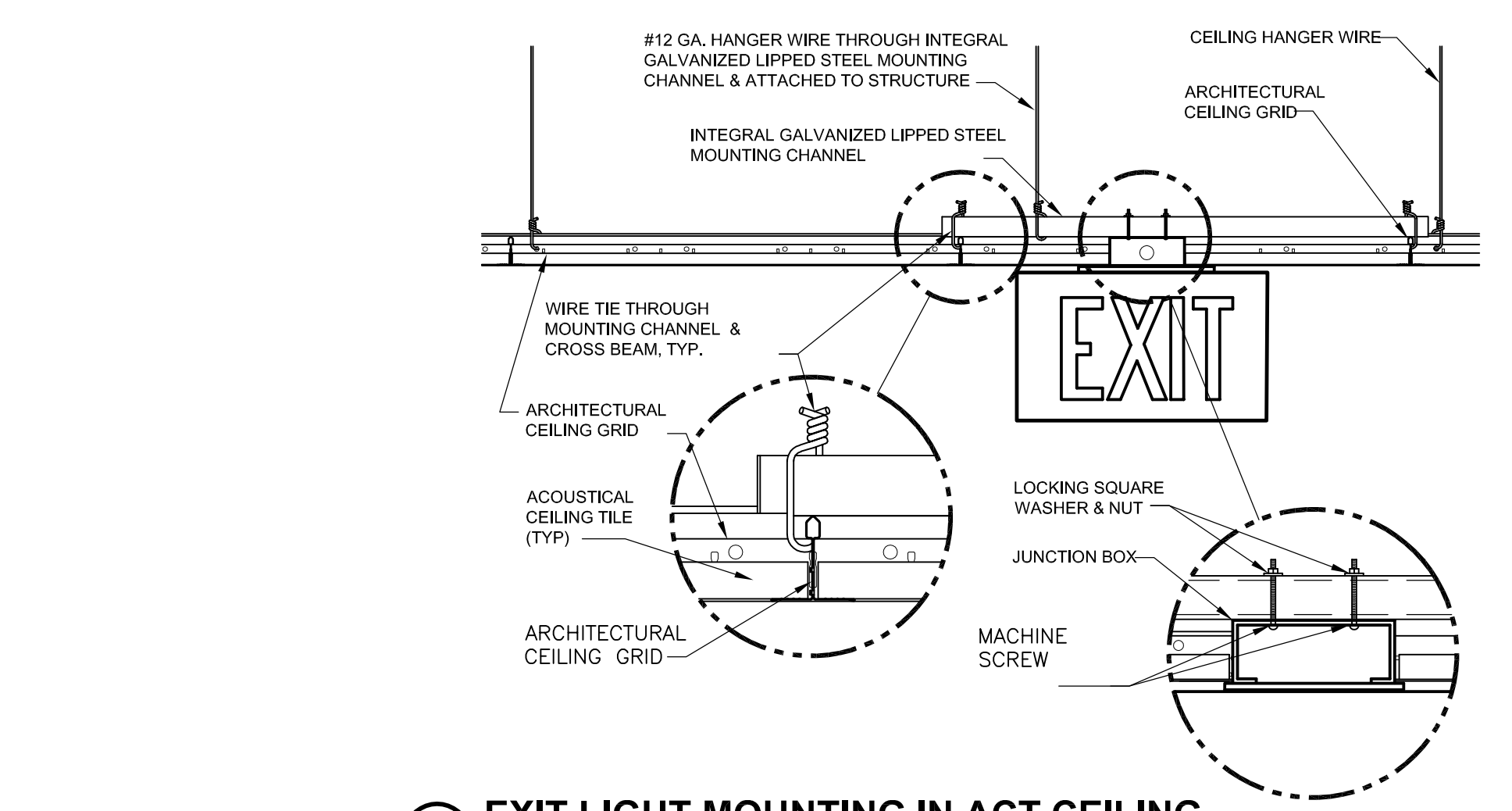
- EMERGENCY LIGHTING AND EXIT LIGHTS ARE FED FROM LIFE SAFETY PANEL CIRCUITS, AND CAN BE 120V OR 277V. UNIVERSAL VOLTAGE IS REQUIRED FOR ALL NEW LIGHT FIXTURES AND EXIT LIGHTS. NORMAL LIGHTING FIXTURES ARE FED FROM 277V NORMAL POWER CIRCUITS. NEW CIRCUITS ARE SHOWN TO ALLOW PHASE WORK TO BE COMPLETED WITHOUT DISRUPTION TO AREAS NOT INCLUDED IN PROJECT OR CURRENTLY IN PROGRESS. HOWEVER, IT IS PERMISSIBLE TO RELOCATE EXISTING LIGHTING AND LIFE SAFETY ARE IN SEPARATE RACEWAYS AND DOING SO WILL NOT DISRUPT AN AREA NOT INCLUDED IN THE PRESENT PHASE OF CONSTRUCTION. PROVIDE ALL NECESSARY NEW CONDUITS, UNDER NO CIRCUMSTANCES WILL LIFE SAFETY AND NORMAL CIRCUITS BE ACCEPTABLE IN THE SAME RACEWAY REGARDLESS IF SO FOUND IN EXISTING CONDITIONS.
- USING NEW OR EXISTING CIRCUITS WITHIN EACH WORK AREA OF THE PHASE BEING CONSTRUCTED, EXTEND NEW CONDUIT AND CONDUCTORS FROM EXISTING LIGHTING CIRCUITS AND JUNCTION BOX TO NEW LIGHT FIXTURES. PROVIDE ALL NECESSARY CONTROL CONDUCTORS. EXISTING CONDUIT MAY BE REUSED IN PLACE, BUT NOT RELOCATED AND RE-USED.
- SERVICE INTERRUPTION TO EXISTING LIGHTING SHALL BE COORDINATED TO OCCUR ONLY BEFORE 6AM AND AFTER 5PM ONLY, OR DURING WEEKENDS, AND SHALL BE AS BRIEF AS POSSIBLE. ONLY AS NECESSARY FOR CUT-OUT TO NEW LIGHTING IN EACH PHASE OF CONSTRUCTION.
- THESE DRAWINGS ARE DIAGNOSTIC - FOLLOW AS CLOSELY AS POSSIBLE. CONTRACTOR SHALL PROVIDE ALL BRANCH CIRCUITS, CONTROLS, JUNCTION BOXES, PULL BOXES, OFF-SETS, ETC FOR A COMPLETE AND ELECTRICAL CODE COMPLIANT INSTALLATION.
- ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLAN.
- PROVIDE A GREEN INSULATED GROUNDING CONDUCTOR FOR ALL EQUIPMENT, LIGHT FIXTURES AND RECEPTABLES. #12 AWG UNLESS NOTED OTHERWISE.
- LIGHTING FIXTURES INDICATED AS DOUBLE SWITCHED SHALL HAVE OUTER LAMPS CONTROLLED WITH ONE SWITCH AND INNER LAMP(S) CONTROLLED BY A SECOND SWITCH.
- NEW CIRCUITS SHOWN ARE INDICATED AS "SPARE" ON DIRECTORIES. IF THE DESIGNATED CIRCUIT HAS BEEN USED, ANOTHER SPARE APPEARS AVAILABLE. IF NEW CIRCUIT BREAKER IS REQUIRED IT WILL BE INDICATED ON THE DRAWINGS. UPDATE PANEL DIRECTORY.
- EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE DEDICATED NEUTRAL CONDUCTOR. EACH BRANCH CIRCUIT SHALL HAVE A SEPARATE DEDICATED NEUTRAL CONDUCTOR.
- SURFACE MOUNTED LIGHT FIXTURES SPECIFIED TO BE ATTACHED TO T-BAR CEILING SHALL BE SECURED USING CADDY CLIP "DS" SERIES, OR EQUAL, PROVIDING SUPPORT CABLE TO STRUCTURE. SUPPORTING FIXTURE BY CONDUIT OR ONLY BY SUSPENDED CEILING GRID WILL NOT BE ACCEPTED. USE OFFSET POWER FEED INTO FIXTURE TO ALLOW FIXTURE TO ATTACH LEVEL.
- ALL CONDUCTORS SHALL BE INSTALLED IN AN APPROVED RACEWAY, EXCEPT COMMUNICATIONS/DATA CABLES, NURSE CALL CABLES, AND ACCESS CONTROL WHICH ARE PERMITTED IN EXISTING OR NEW CABLE TRAY.
- PENETRATIONS OF FIRE RATED WALLS, FLOORS, AND CEILINGS SHALL BE RESTORED TO THE REQUIRED RATING USING U.L. APPROVED METHODS. THIS WORK SHALL BE COMPLETED AT THE TIME THE WORK THROUGH THE PENETRATION IS MADE, WITHOUT DELAY.
- WORKING SPACE AND CLEARANCES ABOVE CEILINGS ARE LIMITED DUE TO HOT/COLD WATER PIPING, FIRE SPRINKLERS, CABLE TRAY, HVAC DUCTS, PIPE RACKS AND ROD SUPPORTS AND OTHER OBSTRUCTIONS. MOST BUT NOT ALL EXISTING CONDITIONS ARE SHOWN ON THE DEMOLITION DRAWINGS. CONDUIT INSTALLATION MAY OFTEN BE DIFFICULT AND MAY REQUIRE ADDITIONAL ROUTING AROUND OBSTRUCTIONS. COORDINATE ALL LIGHT FIXTURE LOCATIONS WITH THE CEILING INSTALLER OR WITH EXISTING GRID TO ENSURE THAT SPACE IS ADEQUATE FOR THE INSTALLATION. RELOCATE ANY LOW VOLTAGE CABLES, CONDUIT SUPPORTS AND BRANCH CIRCUIT CONDUITS AS NECESSARY AT NO ADDED COST. ALTHOUGH MANY CONDITIONS ARE SHOWN ON THE DRAWINGS IT IS NOT INTENDED TO BE COMPLETE. VERIFY SITE CONDITIONS AND INCLUDE ALL COSTS IN BID.
- EXISTING LINE VOLTAGE OUTLET BOXES DISCOVERED WITHOUT COVERS SHALL BE PROVIDED WITH A COVER AND NO ADDED COST TO THE CONTRACT. CONDUITS FOUND WITHOUT CODE REQUIRED SUPPORTS SHALL BE PROVIDED WITH SUPPORT AT NO ADDED COST. KNOWN EXISTING CONDITIONS ARE DOCUMENTED HOWEVER ADDITIONAL WORK MAY BE REQUIRED.
- INSTALL LIGHT FIXTURES AS RECOMMENDED BY THE MANUFACTURER FOR BEST POSSIBLE PERFORMANCE. CLOSE ALL LENSES TIGHT TO FIXTURE BODY, WITHOUT ALLOWING "LIGHT LEAKS". MAKE SURE GASKETED FIXTURES ARE PROPERLY CLOSED WITH TIGHT SEAL. CLEAN ALL SPECULAR REFLECTORS ACCORDING TO MANUFACTURER'S INSTRUCTIONS TO REMOVE ALL FINGERPRINTS, MARKS AND DUST.
- ALL JUNCTION BOX COVERS SHALL BE LABELED WITH APPROPRIATE PANEL, CIRCUIT NUMBERS, AND TYPE OF SYSTEM. ALL ELECTRICAL DEVICES SUCH AS RECEPTABLES, SWITCHES, DISCONNECTS, ETC., SHALL BE LABELED WITH APPROPRIATE PANEL AND CIRCUIT NUMBER.
- ANY IMPACTED EXISTING PANELBOARDS SHALL BE FURNISHED AND INSTALLED WITH A NEW UPDATED TYPEWRITTEN PANEL CIRCUIT DIRECTORY.



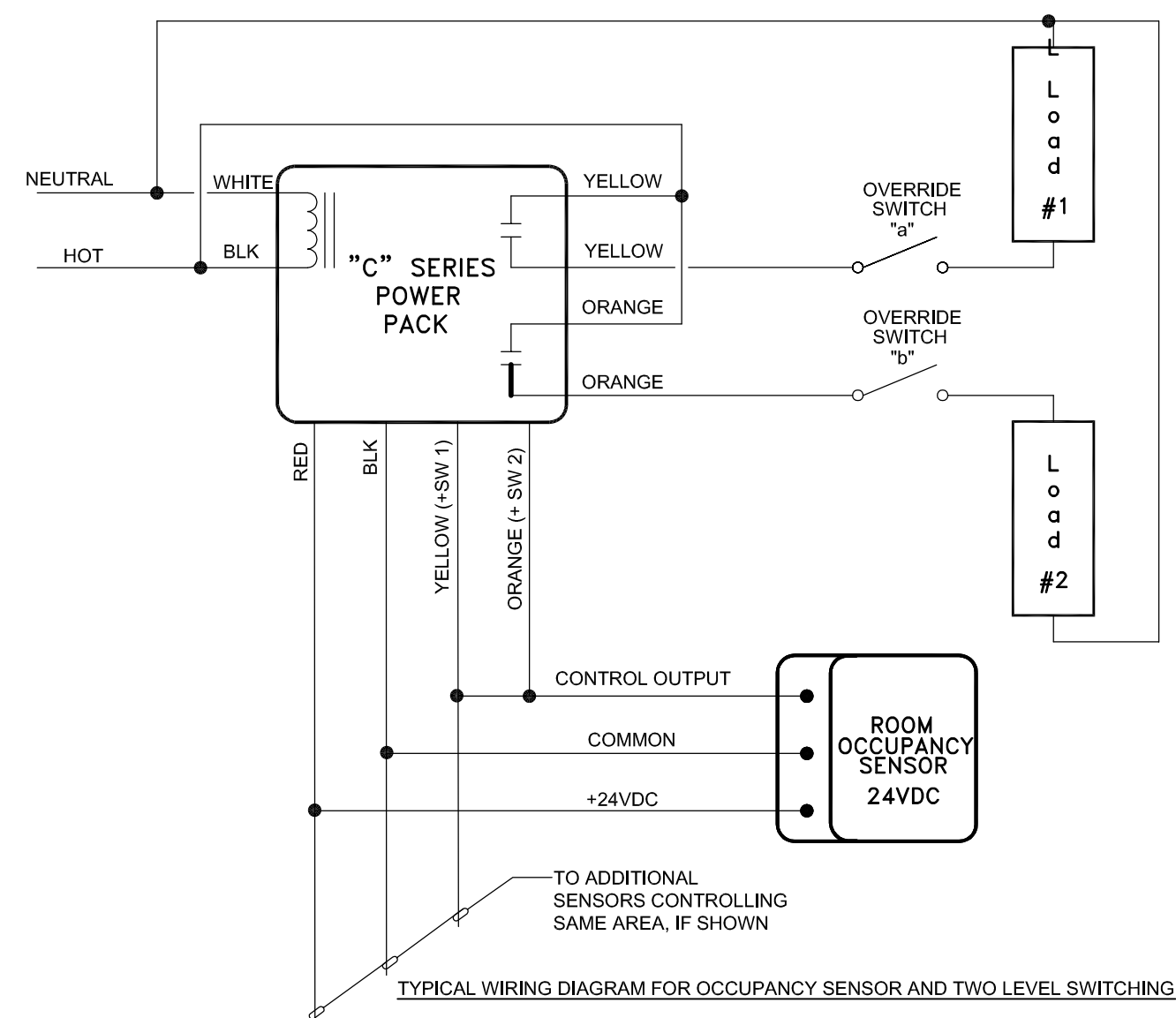
1 LAY IN TYPE LIGHT FIXTURE DETAIL  
NOT TO SCALE



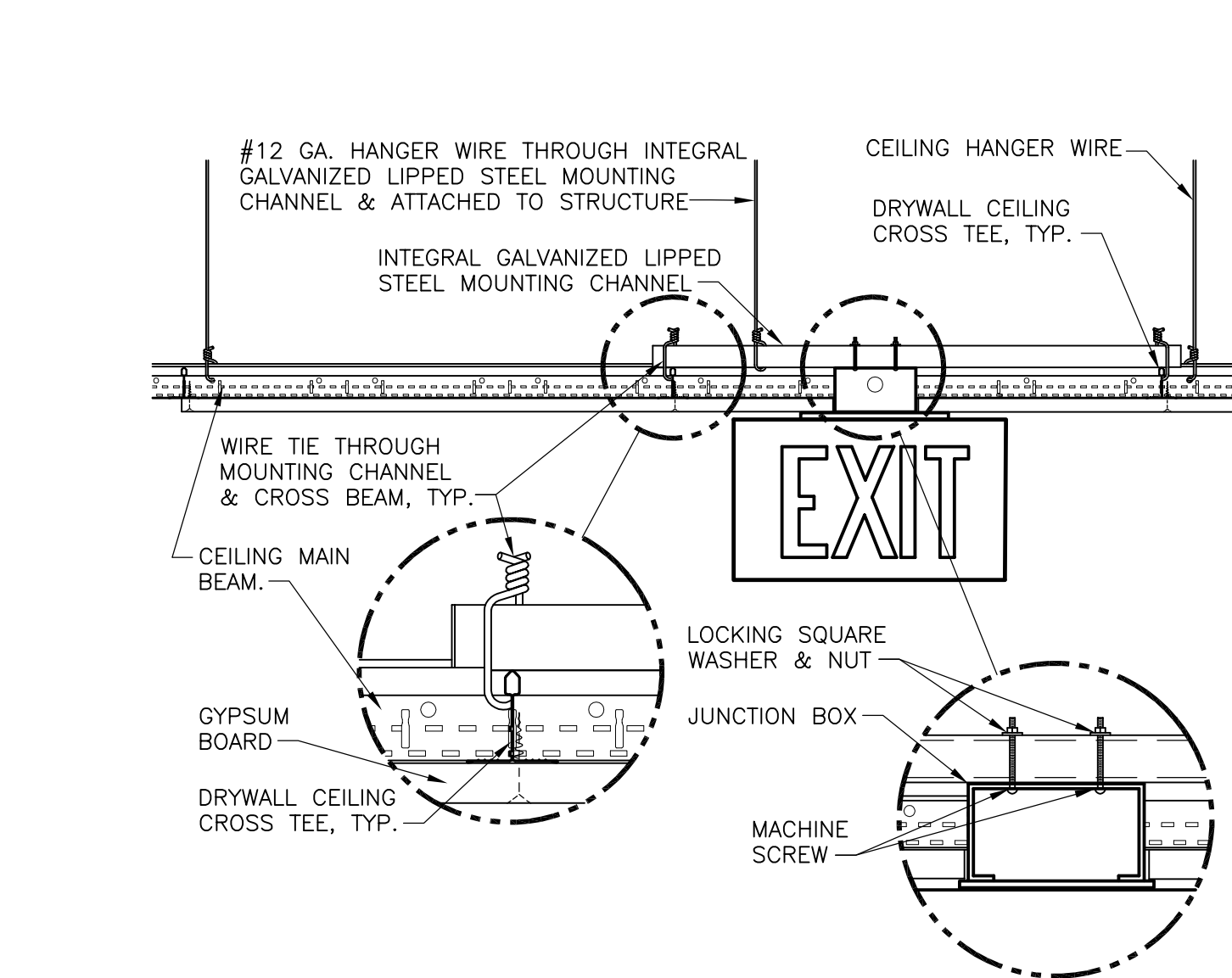
2 EXTERIOR LIGHTING CONTROL DETAIL  
NOT TO SCALE



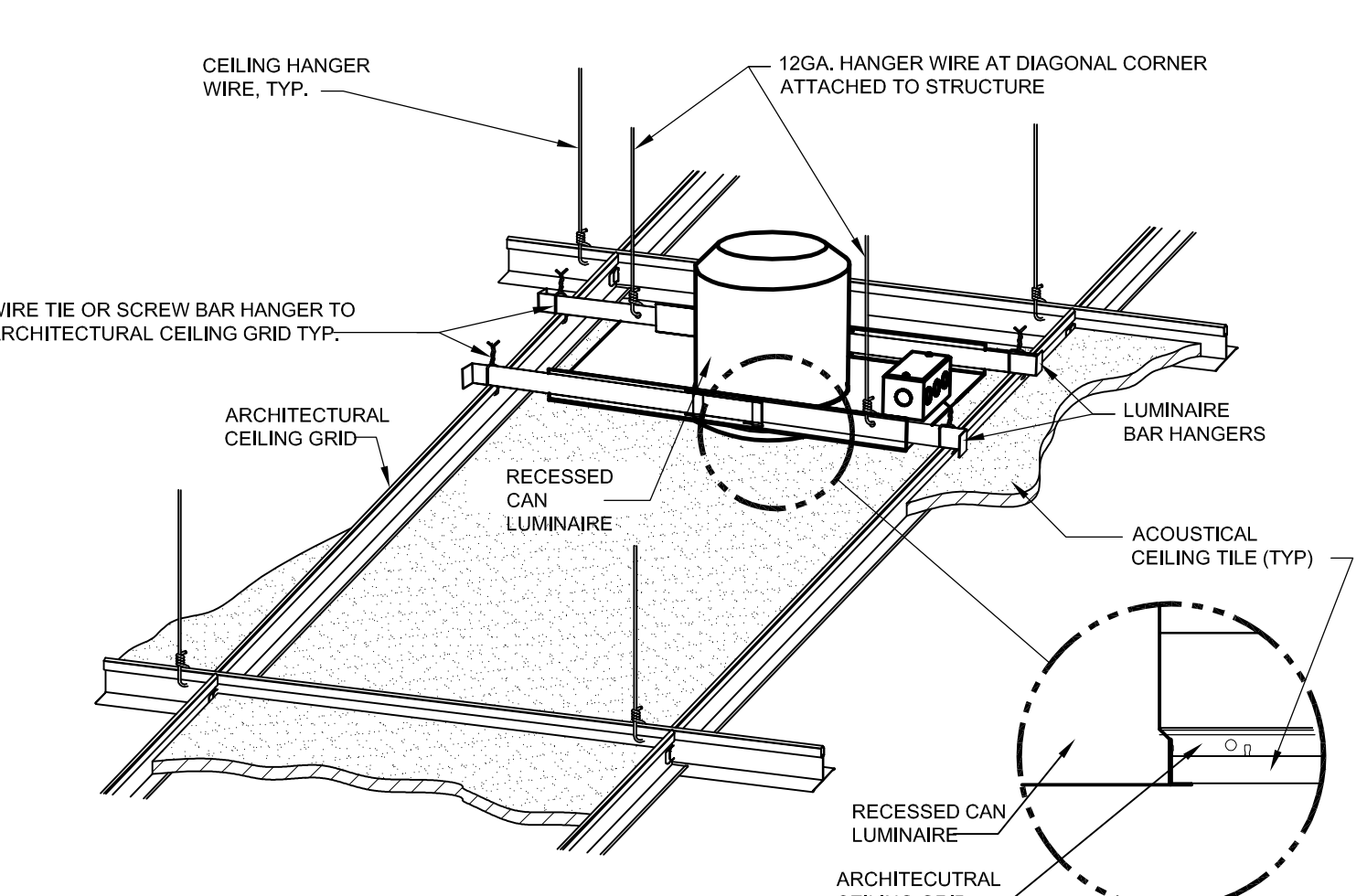
3 EXIT LIGHT MOUNTING IN ACT CEILING  
NOT TO SCALE



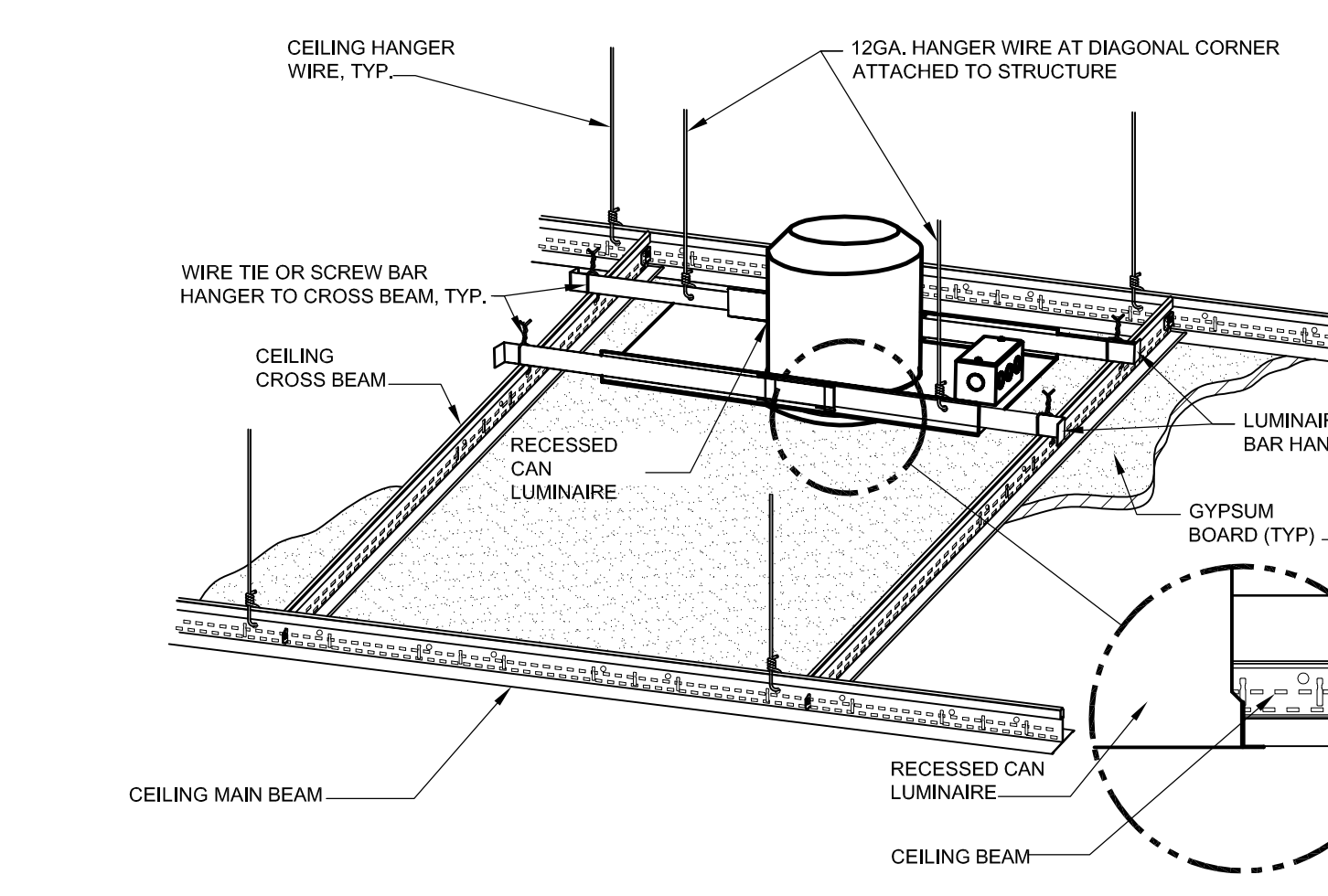
4 OCCUPANCY SENSOR INSTALLATION DIAGRAMS  
NOT TO SCALE



5 EXIT LIGHT MOUNTING IN HARD CEILING  
NOT TO SCALE



6 DOWNLIGHT MOUNTING IN ACT CEILING  
NOT TO SCALE



7 DOWNLIGHT MOUNTING IN HARD CEILING  
NOT TO SCALE

LIGHTING FIXTURE SCHEDULE									
PLAN MARK	MANUFACTURER AND MODEL NUMBER	LAMPS /TYP WATTAGE	WATTS	BALLAST	VOLTS	MOUNTING	WATTING	DESCRIPTION	
F1	LITECONTROL #WMD 48 34T8 SGL CWM L01FP UNV EQUIVALENT BY LITHONIA, DAYBRITE, COLUMBIA, COOPER	3 F32 T8 SPX 4100K	32	-	120/277	RE	N/A	6"x48"x4" DEPTH SURFACE MOUNTED LIGHT FIXTURE WITH 3 LAMPS. WALL MOUNTED WITH ACRYLIC LENS.	
F2	MARK ARCHITECTURAL LIGHTING # MD 24 DFGP-3 T8 EBRP 120/277 (UNV) PERF AND SVS ACRYLIC LENS LIGHTOUTLER #CF52 GPF 232 UNV H1 (GE)	3 F32 T8 SPX 4100K	32	-	120/277	RE	N/A	24"x3" MAX RECESSED DEPTH, WITH PROGRAMMED START NORMAL POWER FACTOR BALLAST. UNIVERSAL VOLTAGE, DROPPED BASKET (2.75" MAXIMUM BELOW CEILING). PERFORATED DIFFUSER BASKET WITH ACRYLIC OVERLAY. BASKET IS HINGED FROM EITHER SIDE TO ALLOW LAMP REPLACEMENT.	
F3	OR APPROVED EQUAL	LED, 4100K	-	-	120/277	RE	N/A	24"x4" DEPTH TROFFER, PRISMATIC ACRYLIC LENS, SPRING LOADED LATCHES ON FLAT STEEL DOOR FRAME.	
F4	WILLIAMS #50-S24-LED PH-130840-S-A12125-EDD PH-DALJUNV EQUIVALENT BY DAYBRITE, COLUMBIA, COOPER, LITHONIA	LED, 4100K	-	-	120/277	RE	N/A	24"x4" DEPTH TROFFER, PRISMATIC ACRYLIC LENS, SPRING LOADED LATCHES ON FLAT STEEL DOOR FRAME.	
F5	WILLIAMS #50-S24-LED PH-90840-S-A12125-EDD PH-UNV EQUIVALENT BY DAYBRITE, COLUMBIA, COOPER, LITHONIA	LED 4100K	-	-	120/277	RE	N/A	24"x4" DEPTH TROFFER, PRISMATIC ACRYLIC LENS, SPRING LOADED LATCHES ON FLAT STEEL DOOR FRAME.	
F6	WILLIAMS #AHT-24-LED PH-120840-A-EDD PH-DALJUNV EQUIVALENT BY DAYBRITE, COLUMBIA, COOPER, LITHONIA	LED, 4100K	-	-	120/277	RE	N/A	24"x4" DEPTH TROFFER, PRISMATIC ACRYLIC LENS, SPRING LOADED LATCHES ON FLAT STEEL DOOR FRAME.	
F7	LITHONIA #EJA 232 WGEJ EB UNV H036 EQUIVALENT BY DAYBRITE, COLUMBIA, COOPER	2 F32 T8 SPX 4100K	32	-	120/277	SP	8'-0" AFF	INDUSTRIAL STRIP LIGHT FIXTURE WITH 2 LAMPS, WIREGUARD, CHAIN.	
F8	HUBBELL #VLED15W/141.15LGV/CV-15 W CREER XPG LEDs EQUIVALENT BY COOPER, LITHONIA, STONCO	LED SYSTEM INCLUDED 5000K	-	-	120	WL	N/A	PIT LIGHT FIXTURE WITH LED LIGHT SOURCE, GLASS GLOBE AND GUARD.	
F9	DAYBRITE #20LG-44L-840-2-D-UNV EQUIVALENT BY LITHONIA, COLUMBIA, COOPER, WILLIAMS	LED SYSTEM INCLUDED 4000K	-	-	120/277	RE	N/A	24"x2" MID-DEPTH TROFFER WITH LED SOURCE, OPAL DIFFUSER, SPRING LOADED LATCHES ON FLAT STEEL DOOR FRAME. 4400 DELIVERED LUMENS AT 400K WITH 80 CRI. LED TECHNOLOGY WITH MODULAR COMPONENTS TO ALLOW FUTURE REPLACEMENT.	
F10	FOCAL POINT #F6L-20LED-140-R0-T8H-L-RO-DN-CD-WP EQUIVALENT BY LITHONIA, KIRLIN, KURT VERSEN, GOTHAM	LED SYSTEM INCLUDED 4100K	-	-	120/277	RE	N/A	6" ROUND BY 7" DEEP MAXIMUM LED OPEN DOWNLIGHT WITH SELF FLANGED SPECULAR DIFFUSE REFLECTOR CONE AND OPTICS.	
F11	FOCAL POINT #F4D-30LED-40-R0-T8H-L-RO-DN-CD-WP EQUIVALENT BY LITHONIA, KIRLIN, KURT VERSEN, GOTHAM	LED SYSTEM INCLUDED 4000K	-	-	277	RE	N/A	4.5" ROUND BY 5" DEEP MAXIMUM LED DOWNLIGHT WITH SELF FLANGED CLEAR DIFFUSE REFLECTOR CONE AND OPTICS TO PRODUCE MEDIUM DISTRIBUTION, 2000 DELIVERED LUMENS AT 400K WITH 80 CRI. REMOTE PHOSPHOR TECHNOLOGY WITH MODULAR COMPONENTS TO ALLOW FUTURE REPLACEMENT.	
F12	VISA LIGHTING #CP2009-CBL/LEDWITTOPPER/DH CUSTOM	LED SYSTEM INCLUDED	-	-	120/277	SP	VARIABLES SEE ARCH SHEET 1-2-A21	SUSPENDED CYLINDER, 12" DIAMETER, 4'-0" BODY	
F13	RENALL #MLHAT12-48-F-MW-CPT-67K/ACQUAD EQUIVALENT BY LITHONIA, DAYBRITE, COLUMBIA, COOPER	LED, 4100K	-	-	120/277	RE	N/A	14"x4" MID-DEPTH SURFACE MOUNTED LIGHT FIXTURE WITH LED PACKAGE, CONCAVE HIGH IMPACT ACRYLIC LENS, SPRING LOADED LATCHES ON DOOR FRAME.	
F14	PHOENIX #DLA-16LED-LH-CPT DL-60-ARM OR APPROVED EQUAL	LED SYSTEM INCLUDED	-	-	120	WL	N/A	LED DOCK LIGHT HEAD WITH 60" HINGED STRUT ARM	
F15	MARK ARCHITECTURAL LIGHTING # MD 24 DFGP-3 T8 EBRP 120/277 (UNV) PERF & SVS ACRYLIC LENS/DOUBLE SW LIGHTOUTLER #CF52 GPF 232 UNV H1 (GE)	3 F32 T8 SPX 4100K	32	-	120/277	RE	N/A	24"x3" MAX RECESSED DEPTH, WITH PROGRAMMED START NORMAL POWER FACTOR BALLAST. UNIVERSAL VOLTAGE, DROPPED BASKET (2.75" MAXIMUM BELOW CEILING). PERFORATED DIFFUSER BASKET WITH ACRYLIC OVERLAY. BASKET IS HINGED FROM EITHER SIDE TO ALLOW LAMP REPLACEMENT. DOUBLE SWITCHED - PROVIDE TWO BALLAST.	
OR APPROVED EQUAL									
H2	SECURITY LIGHTING SYSTEMS #HRAF-LED-96-DO-120-DB EQUIVALENT BY DAYBRITE, LITHONIA, COOPER, CAPRI	LED	-	-	120	CL	N/A	96" LENGTH LED WALLWASH FIXTURE	
H3	KIRLIN #LR-07310-14K-45-60-SH EQUIVALENT BY DAYBRITE, LITHONIA, COOPER, CAPRI	LED	-	-	120	RE	N/A	7" ROUND BY 7" DEEP MAXIMUM LED LENSED DOWNLIGHT WITH SELF FLANGED CONE WALL WASH FIXTURE	
H4	BEGA #E503LED-4100K-BRZ EQUIVALENT BY KIRLIN, DAYBRITE, LITHONIA, COOPER, CAPRI	LED	-	-	120	CL	N/A	7" ROUND BY 8" DEEP MAXIMUM LED LENSED SURFACE MOUNTED CYLINDER DOWNLIGHT	
H5	GARDCO #102L-2-55A-CV-UNV-BRP EQUIVALENT BY DAYBRITE, LITHONIA, COOPER	LED	-	-	120	WL	9'-0"	LED ROUNDED WEDGE HIGH PERFORMANCE WALL SCONCE EXTERIOR FIXTURE	
H6	GARDCO #CA22L-2-3-180LA-CW-UNV-BRA EQUIVALENT BY DAYBRITE, LITHONIA, COOPER	LED	-	-	120	POLE	-	LED LIGHT FIXTURE WITH 20" ROUND STRAIGHT POLE WITH BRONZE FINISH	
XE1	LITHONIA #LE S 1 R 120/277 EQUIVALENT BY COOPER, MCFILBEN, DUAL-LITE	LED	-	-	120/277	O	N/A	LOW PROFILE DIE CAST ALUMINUM LED SINGLE FACE EXIT LIGHT, WHITE FINISH ON HOUSING AND RED LETTERS, UNIVERSAL MOUNT	
XE2	LITHONIA #LE S 2 R 120/277 EQUIVALENT BY COOPER, MCFILBEN, DUAL-LITE	LED	-	-	120/277	O	N/A	LOW PROFILE DIE CAST ALUMINUM LED DOUBLE FACE EXIT LIGHT, WHITE FINISH ON HOUSING AND RED LETTERS, UNIVERSAL MOUNT	

LIGHTING FIXTURE SCHEDULE ABBREVIATIONS:			
MOUNTING AND FINISH:	WL WALL	BALLAST:	DM DIMMING BALLAST
RE RECESSED	PL POLE	EP E	ML MULTI-LEVEL SWITCHING
SP SUSPENDED	O OTHER (SEE DESCRIPTION)	ES E	HP HIGH POWER FACTOR
CL CEILING SURFACE		HO H	O OTHER (SEE DESCRIPTION)

- LIGHTING FIXTURE GENERAL NOTES:**
- NOT ALL FIXTURE TYPES LISTED ON THIS SCHEDULE MAY BE USED ON THE PLANS.
  - LAMP AND BALLAST INPUT WATTAGES SHOWN MAY BE REQUIRED FOR EEC COMPLIANCE. ANY SUBSTITUTIONS REQUIRE EQUAL OR LOWER WATTAGE RATINGS WITHOUT REDUCED LAMP OUTPUT. PROVIDE LAMPS WITH THE SPECIFIED COLOR TEMPERATURE OF 4100K. SUBMIT SHOP DRAWINGS INCLUDING ALL DATA FOR REVIEW.
  - CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIC FIXTURE DESIGN.
  - ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED. ALL LINEAR FLUORESCENT LIGHT FIXTURES SHALL BE PROVIDED WITH INTEGRAL BALLAST DISCONNECT(S) FACTORY INSTALLED.
  - REFER TO SPECIFICATION FOR LAMP AND BALLAST REQUIREMENTS, SHOP DRAWING SUBMITTAL REQUIREMENTS AND ADDITIONAL INFORMATION.
  - ALL FLUORESCENT LUMINAIRES WITH DOUBLE ENDED LAMPS AND CONTAINING BALLASTS THAT CAN BE SERVICED IN PLACE SHALL HAVE AN INTEGRAL DISCONNECTING MEANS IN COMPLIANCE WITH NEC 410.7.5 (G).
- LIGHTING FIXTURE SCHEDULE KEYNOTES:**
- ELECTRONIC PROGRAMMED START BALLAST WITH .98 MINIMUM BALLAST FACTOR, 10% OR LESS THD. FOR TS LAMPS, USE OE TS HIGH EFFICIENCY PROGRAMMED START.
  - CEILING CONDITIONS MAY NOT PERMIT USE OF ALTERNATE FIXTURES WITHOUT RELOCATION OF CONDUITS, DUCTS, SPRINKLER OR STEAM PIPES THAT PRESENTLY LAY ACROSS FIXTURES. IF ALTERNATE FIXTURE IS PROPOSED, PROPOSED ALTERNATE FIXTURE MUST BE SUBMITTED WITH AN OPERATING SAMPLE LIGHT FIXTURE HAVING ALL OPTIONS AS SPECIFIED, NO LATER THAN 15 BUSINESS DAYS PRIOR TO BID DATE.

LIGHTING & CONTROL SYMBOLS		POWER	
	NEW RECESSED OR SEMI-RECESSED OR SURFACE MOUNT FLUORESCENT LIGHT FIXTURES, TYPE AS INDICATED ON LIGHTING FIXTURE SCHEDULE. INDICATES FIXTURE TYPE, REFER TO SCHEDULE. TYPICAL INDICATES CONTROL SWITCHES, TYPICAL.		MOTOR CONNECTION
	INDICATES FIXTURE CIRCUITED TO LIFE SAFETY BRANCH EMERGENCY POWER CIRCUIT.		MOTOR WITH COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT
	INDICATES FIXTURE CIRCUITED TO CRITICAL BRANCH EMERGENCY POWER CIRCUIT.		SAFETY DISCONNECT SWITCH
	FLUORESCENT STRIP OR INDUSTRIAL FIXTURE TYPE AS NOTED		PANELBOARD, SURFACE MOUNTED
	RECESSED, ADJUSTABLE OR DOWNLIGHT LIGHTING FIXTURE, TYPE AS NOTED		PANELBOARD, FLUSH MOUNTED
		FIRE ALARM	
	FIRE ALARM MANUAL STATION +48" UNO		FIRE ALARM AUDIO AND VISUAL COMBINATION STATION +80" UNO
	FIRE ALARM AUDIO AND VISUAL COMBINATION STATION +80" UNO		FIRE ALARM STROBE LIGHT +80" UNO
	FIRE ALARM HEAT DETECTOR 190 DEGREES UNO		FIRE ALARM PHOTOELECTRIC DETECTOR SUBSCRIPT A = AUXILIARY CONTACTS
	FIRE ALARM DUCT TYPE PHOTOELECTRIC DETECTOR		MAGNETIC DAMPER RELEASE CONNECTION
	DOOR HOLDER FIRE ALARM CONNECTION	RECEPTABLES & DEVICES	
	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, +18" UNO	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, MTD ABV COUNTER	
	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	POWER/COMMUNICATIONS SURFACE RACEWAY (WIREMOLO 4000)	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	** INDICATES RACEWAY RECEPTACLE ON CRITICAL BRANCH POWER.	POWER/COMMUNICATIONS SURFACE RACEWAY (WIREMOLO 4000)	
	GFI RECEPTACLE CONCEALED BEHIND OR BELOW ELECTRICAL WATER COOLER - VERIFY EXACT REQUIREMENTS WITH MECHANICAL CONTRACTOR	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	SPECIAL RECEPTACLE, WALL MOUNTED TYPE AS NOTED	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V OR VOLTAGE AS NOTED, +18" UNO (CIRCUITED TO EMERGENCY POWER - CRITICAL BRANCH POWER)	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	RETRACTABLE CORD REEL WITH ONE DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, (HUBBELL, HANNEY, OR APPROVED EQUIVALENT)	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	COMBINATION TELEPHONE/DATA AND POWER OUTLET FLOOR BOX ASSEMBLY, FLUSH MTD IN FLOOR (HUBBELL, ASSPEC, W/ONE DUPLICATE RECEPTACLE AND ONE DUPLICATE DATA OUTLET WITH FLOORBOX COVER #ASTC SERIES OR EQUIVALENT BY PASS & SCIMOUR OR WIREMOLO) PROVIDE CUTSHEETS WITH WIRING DEVICE SHOP DRAWING SUBMITTAL.	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	TELEPHONE OUTLET, WALL MOUNTED AT 48"	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	COMBINATION TELEPHONE OUTLET AND DATA OUTLET IN A COMMON DOUBLE GANG BOX, AT 16" A.F.F.	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	COMBINATION TELEPHONE OUTLET AND DATA OUTLET IN A COMMON DBL GANG BOX, MTD ABV COUNTER	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	DATA CONNECTION, FLUSH MOUNTED IN CEILING.	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	SECURITY CARD READER ACCESS STATION, +48" UNO	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	ELECTRIC DOOR STRIKE	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	TELEVISION OUTLET, +18" UNO	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	JUNCTION BOX, WALL MOUNTED	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	JUNCTION BOX	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	PUSH/PULL CONTROL SWITCH	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	PAGING SYSTEM SPEAKER (MATCH EXISTING TYPE)	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
	CODE GREEN STATION	DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
EXISTING, TO REMAIN, OR AS NOTED		DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
FURNISH, INSTALLED AND CONNECTED, COMPLETE		DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
CONDUIT ONLY WITH PULL ROPE INSTALLED		DUPLICATE RECEPTACLE WITH GROUND 3 WIRE, 120V, FLUSH MOUNTED IN CEILING	
ELECTRICAL SYMBOLS NOTES:			
1. THIS IS A STANDARD SYMBOL LIST. NOT ALL SYMBOLS MAY BE USED ON PLANS.			
2. CONDUIT AND CONDUCTORS ARE SHOWN TO INDICATE CIRCUITING AND SWITCHING. THE EXACT ROUTING OF CONDUIT AND THE EXACT QUANTITIES OF CONDUCTORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.			
3. WHERE USED, LOWER CASE LETTERS AT LIGHT FIXTURE AND SWITCHES INDICATE ASSOCIATED UNITS FOR SWITCHING. UPPER CASE LETTERS AT LIGHT FIXTURES INDICATE THE TYPE OF FIXTURES. NUMBERS AT LIGHT FIXTURES INDICATE PANELBOARD CIRCUIT.			
4. A LOWER CASE "w" NEXT TO A DEVICE INDICATES THE DEVICE IS EXISTING TO REMAIN.			
5. A LOWER CASE "s" NEXT TO A DEVICE INDICATES THE DEVICE IS SURFACE MOUNTED.			